

# 12.1 Review

Grade: 7th  
Subject: Life Science  
Date: 3/4/13

Mar 4-9:41 AM

1 An example of a vascular plant is a fern.

True  
False

Mar 4-9:44 AM

2 The type of plant that are vascular, have seeds, and do not flower are \_\_\_\_\_.

*gymnosperms*

Mar 4-9:45 AM

3 \_\_\_\_\_ are flowering plants with seeds inside a fruit.

*Angiosperms*

Mar 4-9:45 AM

4 In what stage do plants make spores?

- A gametophyte
- ☒ B sporophyte
- C photosynthesis
- D vascular

Mar 4-9:46 AM

5 Which of the following is NOT a characteristic shared by plants?

- A cuticles
- B cell walls
- ☒ C seeds
- D chlorophyll

Mar 4-9:47 AM

6 Which of the following is NOT a similarity between green algae and plants?

- A the kind of chlorophyll they have
- ☒ B the presence of a cuticle
- C a two-stage life cycle
- D their cell walls

Mar 4-9:48 AM

## 12.2 Review

Grade: 7<sup>th</sup>  
Subject: Life Science  
Date: 3/5/13

Mar 4-3:53 PM

1 \_\_\_\_\_ are like roots, they hold a plant in place.

rhizoid

Mar 4-3:54 PM

2 After 300 million years, the remains of seedless vascular plants formed coal.

True  
False

Mar 4-3:55 PM

3 Some nonvascular plants can be dried and burned as fuel.

☒ True

☐ False

Mar 4-3:56 PM

4 What is found in club mosses, but not in mosses?

☒ A vascular tissue

☐ B gametophytes

☐ C fronds

☐ D spores

Mar 4-3:57 PM

5 What is an underground stem from which new leaves and roots grow?

- A rhizoid
- B fiddlehead
- ☒ C rhizome
- D gametophyte

Mar 4-3:57 PM

6 What is another name for a fern leaf?

- A club moss
- ☒ B frond
- C rhizome
- D gametophyte

Mar 4-3:59 PM

7 What is the tiny, heart-shaped part of a fern that produces both sperm and eggs?

- A rhizome
- B sporophyte
- C silica
- ☒ D gametophyte

Mar 4-4:00 PM

## 12.3 Review

Grade: 7<sup>th</sup>  
Subject: Life Science  
Date: 3/7/13

Mar 4-2:07 PM

1 Gymnosperms and angiosperms both ...

- A have flowers
- B have seeds
- C lack seeds
- D have fruit

Mar 7-9:27 AM

2 Unlike seed plants, seedless plants...

- A have gametophytes that are part of sporophytes
- B are the most common plants on Earth
- C have gametophytes that live indepdently of the sporophytes
- D do not need water to help the sperm reach the egg

Mar 7-9:29 AM

3 In seedless plants, sperm can only reach the egg with the help of ...

- A sporophytes
- B water
- C animals
- D wind

Mar 7-9:30 AM

4 Major food crops such as corn, wheat, rice are...

- A nonvascular plants
- B seedless plants
- C gymnosperms
- D angiosperms

Mar 7-9:31 AM

5 What is the major difference between monocots and dicots?

- A the colors of flowers
- ☒ B the number of cotyledons
- C the size of the seeds
- D the scent of the flowers

Mar 7-9:32 AM

## 12.4 Review

Grade: 7th

Subject: Life Science

Date: 3/13/13

Mar 7-9:25 AM

- 1 Vascular tissue that transports water and minerals through a plant is the \_\_\_\_\_.

xylem

Mar 13-12:59 PM

- 2 A \_\_\_\_\_ is a modified leaf structure that protects a flower bud.

sepal

Mar 13-1:00 PM

3 The female reproductive structure of a flower is the ~~sepal~~.

True

False

pistil

Mar 13-1:00 PM

4 The structure that contains one or more ovules is the

ovary.

Mar 13-1:01 PM

5 The vascular tissue that transports food molecules is the plo-em.

Mar 13-1:02 PM

6 A petal is a broad, flat, leaflike part of a flower.

True

False

Mar 13-1:03 PM

## 7 Roots...

- A are found in all parts of vascular plants
- ☒ B supply plants with water and minerals
- C produce pollen
- D make food for the plant

Mar 13-1:03 PM

## 8 Water loss in a leaf is prevented by the ....

- A upper epidermis
- ☒ B cuticle
- C lower epidermis
- D vascular tissue

Mar 13-1:05 PM

9 A stem that is soft, thin, and flexible is called a(n)...

- A woody stem
- B soft stem
- ☒ C herbaceous stem
- D growth ring

Mar 13-1:05 PM

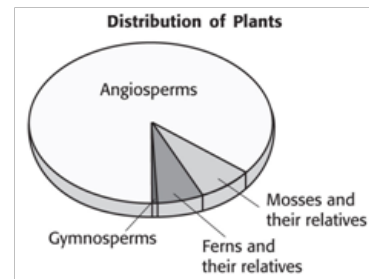
## Chapter 12 Review

Grade: 7th  
Subject: Life Science  
Date: 3/14/13

Mar 13-2:07 PM

1 Which of the following types of plants are the least common?

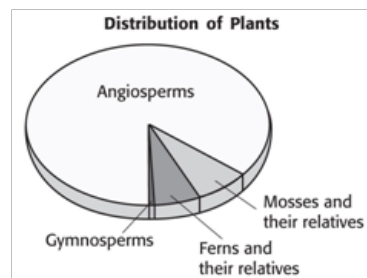
- A ferns and their relatives
- B mosses and their relatives
- C angiosperms
- D gymnosperms



Mar 14-12:53 PM

2 About what percentage of plants are angiosperms?

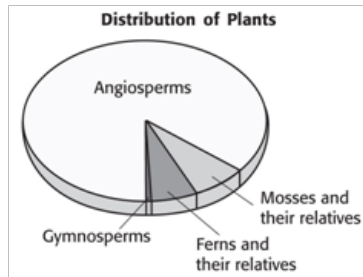
- A 1%
- B 10%
- C 20%
- D 80%



Mar 14-12:56 PM

3 About what percentage of plants are mosses, ferns, and their relatives?

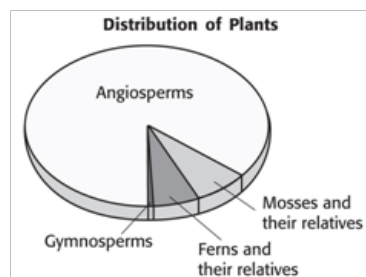
- A 1%
- B 10%
- C 20%
- D 80%



Mar 14-1:00 PM

4 If there are about 265,000 species of plants, about how many of the species are mosses and relatives of mosses?

- A 2,650
- B 13,250
- C 26,500
- D 212,500



Mar 14-1:01 PM

5 Sophie wants to plant a garden. Her garden is 25 m wide. She puts a row of plants every half meter. Every fifth row is a row of flowers. If the rest of the rows are vegetables, about how many rows of vegetables are in the garden?

- A 10 rows
- B 25 rows
- C 40 rows
- D 50 rows

Mar 14-1:04 PM

6 The area of the garden is  $50 \text{ m}^2$ . If the garden is 12 m long, which of the following equations expresses the value of  $w$ , the width of the garden?

- A  $w = 12 \times 50$
- B  $w = 50 \times 12$
- C  $w = 50 / 12$
- D  $w = 12 / 50$

Mar 14-1:07 PM

7 There are 140 species of cycads. If 18% of gymnosperms are cycads, about how many gymnosperms are there total?

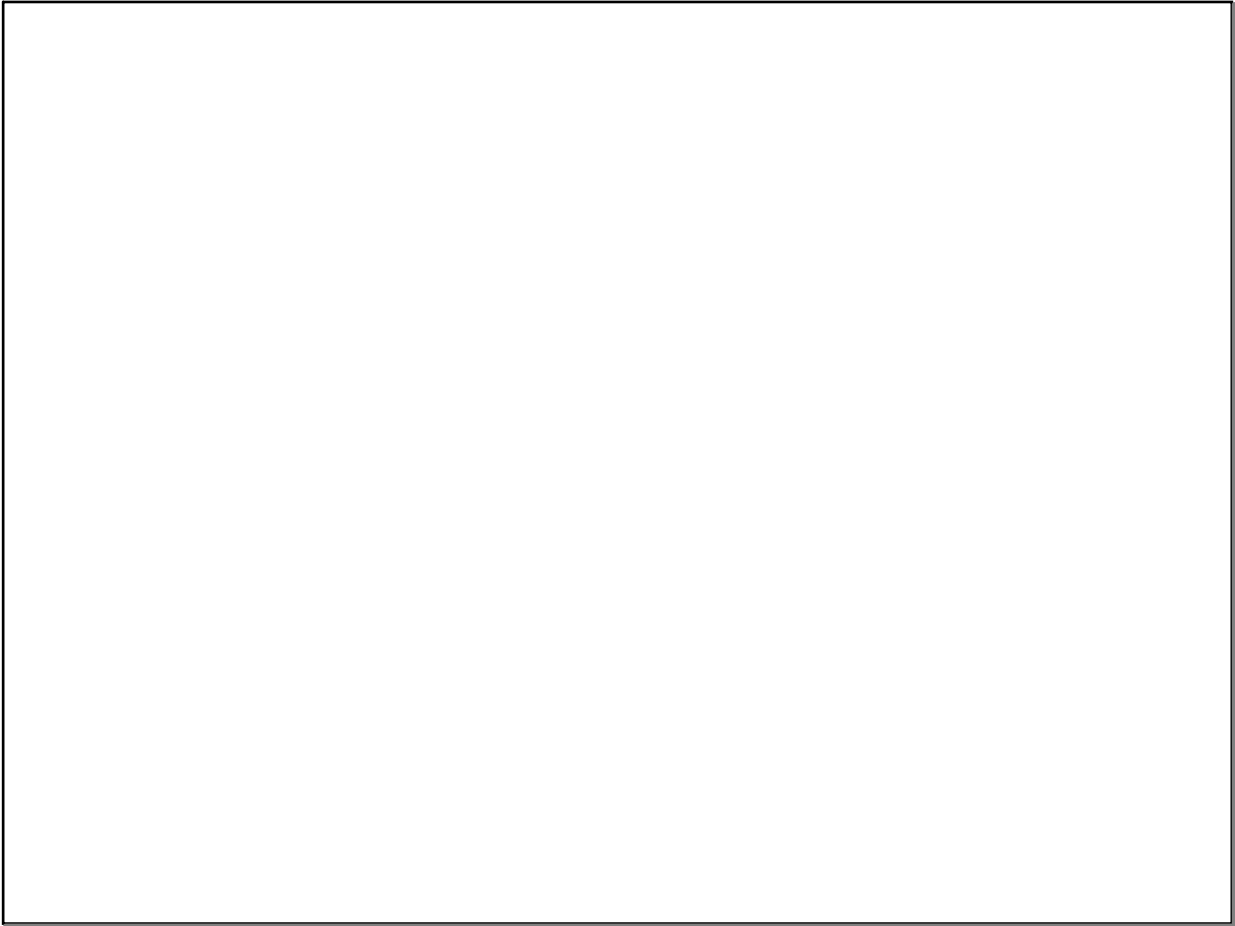
- A 25
- B 165
- C 775
- D 2520

Mar 14-1:09 PM

8 A package of cabage seeds that contains enough seeds for two rows costs \$2.00. A packet of carrot seeds that contains enough seeds for three rows costs \$2.25. If Katy wants to plant five rows of cabbage and seven rows of carrots, how much will the seeds cost?

- A \$12.75
- B \$12.00
- C \$8.50
- D \$6.00

Mar 14-1:11 PM



Mar 14-12:49 PM